

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the present application:

Listing of Claims:

1. (Original) A method for monitoring a task executing on a data processing system, the task having an associated work in process queue and an associated work pending queue, comprising the steps of:

providing the task configured to properly execute requests which are terminated in progress and restarted from an initial start point;

determining if the task is executing properly; and

restarting the task if it is not executing properly; and

wherein the step of restarting the task comprises the step of reinitiating execution by the task of requests in the work in process queue.

2. (Original) A method according to Claim 1 wherein the step of restarting the task comprises the steps of:

placing requests in the work in process queue in the work pending queue;

clearing the work in process queue; and

reinitiating execution by the task of requests from the work pending queue.

3. (Original) A method according to Claim 2 wherein a plurality of interrelated tasks are monitored by a watchdog task and wherein each of the plurality of interrelated tasks has an associated work in process queue and an associated work pending queue and wherein at least one of the plurality of interrelated tasks places requests in the associated work pending queue of a second of the plurality of interrelated tasks and executes requests from its associated work pending queue received from a third of the plurality of interrelated tasks.

4. (Original) A method according to Claim 3 wherein the second of the plurality of interrelated tasks is the third of the plurality of interrelated tasks.

5. (Original) A system for monitoring tasks executing on a computer, comprising:

a first task having an associated work in process queue and an associated work pending queue,

a watchdog task comprising:

means for determining if the first task is executing properly; and

means for restarting the first task if it is not executing properly, the means for restarting comprising:

means for placing requests in the work in process queue in the work pending queue;

means for clearing the work in process queue; and

means for reinitiating execution by the first task of requests from the work pending queue; and

wherein the first task further comprises means for properly executing requests which are terminated in progress and restarted from an initial start point.

6. (Original) A system according to Claim 5 wherein the means for restarting the task comprises:

means for placing requests in the work in process queue in the work pending queue;

means for clearing the work in process queue; and

means for reinitiating execution by the task of requests from the work pending queue.

7. (Original) A system according to Claim 6 wherein a plurality of interrelated tasks are monitored by a watchdog task and wherein each of the plurality of interrelated tasks has an associated work in process queue and an associated work pending queue and wherein at least one of the plurality of interrelated tasks places requests in the associated work

pending queue of a second of the plurality of interrelated tasks and executes requests from its associated work pending queue received from a third of the plurality of interrelated tasks.

8. (Original) A system according to Claim 7 wherein the second of the plurality of interrelated tasks is the third of the plurality of interrelated tasks.

9. (Original) A computer program product for monitoring a task executing on a computer, the task having an associated work in process queue and an associated work pending queue, the computer program product comprising:

a computer-readable storage medium having computer-readable program code means embodied in said medium, said computer-readable program code means comprising:

computer-readable program code means for determining if the task is executing properly;

computer-readable program code means for restarting the task if it is not executing properly, the computer-readable program code means for restarting comprising:

computer-readable program code means for placing requests in the work in process queue in the work pending queue;

computer-readable program code means for clearing the work in process queue; and

computer-readable program code means for reinitiating execution by the task of requests from the work pending queue; and

wherein the task is configured to properly execute requests which are terminated in progress and restarted from an initial start point.

10. (Original) A computer program product according to Claim 9 wherein the computer-readable program code means for restarting the task comprises:

computer-readable program code means for placing requests in the work in process queue in the work pending queue;

computer-readable program code means for clearing the work in process queue; and

computer-readable program code means for reinitiating execution by the task of requests from the work pending queue.

11. (Original) A computer program product according to Claim 10 wherein a plurality of interrelated tasks are monitored by a watchdog task and wherein each of the plurality of interrelated tasks has an associated work in process queue and an associated work pending queue and wherein at least one of the plurality of interrelated tasks places requests in the associated work pending queue of a second of the plurality of interrelated tasks and executes requests from its associated work pending queue received from a third of the plurality of interrelated tasks.

12. (Original) A computer program product according to Claim 11 wherein the second of the plurality of interrelated tasks is the third of the plurality of interrelated tasks.

13. (New) The method of Claim 1 wherein restarting the task comprises restarting the task from the initial start point.

14. (New) The system of Claim 5 wherein the means for reinitiating execution of the first task comprises means for reinitiating execution from the initial start point.

15. (New) The computer program product of Claim 9 wherein the computer readable program code means for reinitiating execution of the first task comprises computer readable program code means for reinitiating execution from the initial start point.